

California Arbovirus Surveillance Update

January-February Test Results

2004 Summary Comments

All samples have tested negative for arboviruses.

Equine

Seventeen horses were tested for arboviruses. All were negative.

Sentinel Chickens

No seroconversions have been detected.

Mosquito Pools

A total of 416 mosquito pools were tested by UC Davis Center for Vectorborne Disease Research (CVEC) for arboviruses. All were negative.

Dead Bird Surveillance

The hotline received 663 dead bird reports from 45 counties in 2004; of these 119 fit the criteria for WN virus testing. No birds reported in California for 2004 have tested positive for West Nile virus (WNV). Our current carcass testing protocol accepts only American crows (*Corvus brachyrhynchos*) and common ravens (*Corvus corax*). After April 1 we will be expanding the list of acceptable species to include all corvids (crows, ravens, magpies, jays), as well as sparrows, finches, and raptors. (R. Carney)

Notes for the tables below:

1. Discrepancies between the number of birds submitted and tested in the following table are due to pending test results.
2. All dead bird totals in this report are for the prior week (Week 9, ending 03/06/04).

Summary of Dead Birds Reported/Tested in 2004:

Dead Birds	Total Number Reported	Number Submitted	Number Tested	WNV Positive
previous week	65	11	0	0
February	239	50	32	0
January	359	89	87	0
2004 YTD	663	150	119	0
2003 YTD	308	28	28	0

Equid Testing Summary:

Suspect Equine Viral Encephalitis Cases	Number Tested	WEE Positive Imported / Local		SLE Positive Imported / Local		WNV Positive Imported / Local		Other Positive Imported / Local	
Jan-Feb	17	0	0	-	-	0	0	0	0
YTD	17	0	0	-	-	0	0	0	0

Mosquito Pools Tested

Mosquito Pools	Number Tested	WEE Positive	SLE Positive	WNV Positive	Other Positive
Jan	249	0	0	0	0
Feb	167	0	0	0	0
YTD	416	0	0	0	0

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January-February Test Results

JANUARY		
County	Species	Number
El Dorado	Common Raven	1
Kern	Common Raven	2
Lake	American Crow	1
Los Angeles	American Crow	13
Los Angeles	American Kestrel *	1
Los Angeles	Red-shouldered Hawk *	1
Marin	American Crow	1
Napa	American Crow	1
Orange	American Crow *	6
Orange	House Finch *	3
Orange	Hawk *	2
Riverside	American Crow	6
Riverside	Brewer's Blackbird *	1
Riverside	Common Raven	1
Riverside	Western Bluebird *	1
Sacramento	American Crow	13
San Bernardino	American Crow	3
San Diego	American Crow	2
San Luis Obispo	American Crow	1
Santa Barbara	American Crow	1
Santa Clara	American Crow	2
Santa Cruz	Common Raven	1
Sonoma	American Crow	1
Sutter	American Crow	15
Sutter	Common Raven	1
Ventura	American Crow	2
Ventura	Common Raven	1
Yolo	American Crow	5
TOTALS:		89

FEBRUARY		
County	Species	Number
Alameda	American Crow	1
Contra Costa	American Crow	2
Los Angeles	American Crow	12
Marin	American Crow	2
Orange	American Crow *	3
Riverside	American Crow	9
Riverside	American Kestrel *	1
Riverside	Starling *	1
Sacramento	American Crow	2
San Bernardino	American Crow	2
San Bernardino	Common Raven	1
San Joaquin	Common Raven	1
Santa Barbara	American Crow	1
Santa Clara	American Crow	1
Solano	American Crow	1
Sonoma	Common Raven	1
Sutter	American Crow	2
Ventura	Common Raven	1
Yolo	American Crow	6
TOTALS:		50

MARCH (to date)		
County	Species	Number
Alameda	American Crow	1
Los Angeles	American Crow	4
Riverside	American Crow	1
San Luis Obispo	American Crow	1
Sutter	American Crow	1
Ventura	American Crow	1
Yolo	American Crow	2
TOTALS:		11

Mosquito Pools Received in January at CVEC

Agency	Date Received	#
COAV	6-Jan	47
GRLA	15-Jan	33
IMPR	16-Jan	83
ORCO	6-Jan	86

Mosquito Pools Received in February at CVEC

Agency	Date Received	#
COAV	2-Feb	73
GRLA	5-Feb	39
IMPR	2-Feb	17
LACW	24-Feb	4
ORCO	27-Feb	34